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10575352 - GAIL: 1736

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10575352	
	Filing Date		2007-10-14	
	First Named Inventor	Richard E. Smalley		
	Art Unit	1736		
	Examiner Name	Daniel McCracken		
	Attorney Docket Number	11321-P077WOUS		

U.S.PATENTS						
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	1	20040040834		2003-03-04	Smalley et al	
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	1	2005012172	WO		2005-02-10	Strano et al		<input type="checkbox"/>

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	1	Nikolaev et al., "Gas-phase catalytic growth of single-walled carbon nanotubes from carbon monoxide", Chem. Phys. Lett. 1999, 313, 91-97	<input type="checkbox"/>
	2	Dresselhaus et al, "Science of Fullerenes and Carbon Nanotubes", Academic Press, San Diego, 1996	<input type="checkbox"/>
	3	Bronikowski et al., "Gas phase production of carbon single-walled nanotubes from carbon monoxide via the HiPco process: A parametric study", Journal of Vacuum Science & Technology 2001, 19, 1800-1805	<input type="checkbox"/>
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	5	Strano et al., "Assignment of (n, m) raman and optical features of metallic single-walled carbon nanotubes" , Nano Letters, 2003, 3, 8, 1091-1096	<input type="checkbox"/>
	6	O'Connell et al., "Band gap fluorescence from individual single-walled carbon nanotubes", Science, 2002, 297, 593-596	<input type="checkbox"/>
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	8	Strano et al, "The role of surfactant adsorption during ultrasonication in the dispersion of single-walled carbon nanotubes", J. Nanosci. Nanotech, 2003, 3, 81-86	<input type="checkbox"/>
	9	Thess et al., "Crystalline ropes of metallic carbon nanotubes", Science, 1996, 273, 483-487	<input type="checkbox"/>
	10	Liu et al., "Fullerene Pipes", Science, 1998, 280, 1253-1256  /Daniel Mccracken/  06/18/2011	<input type="checkbox"/>

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11	Chen et al., "Solution properties of single-walled carbon nanotubes", Science, 1998, 282, 95-98	<input type="checkbox"/>
12	Khabashesku et al., "Fluorination of single-wall carbon nanotubes and subsequent derivatization reactions", Acc. Chem. Res., 2002, 35, 1087-1095	<input type="checkbox"/>
13	Holzinger et al., "Sidewall functionalization of carbon nanotubes", Angew. Chem. Int. Ed., 2001, 40, 4002-4005	<input type="checkbox"/>
14	Ying et al., "Functionalization of carbon nanotubes by free radicals", Org. Letters, 2003, 5, 1471-1473	<input type="checkbox"/>
15	Bahr et al., "Functionalization of carbon nanotubes by electrochemical reduction of aryl diazonium salts: a bucky paper electrode", J. Am. Chem. Soc., 2001, 123, 6536-6542	<input type="checkbox"/>
16	Kamaras et al., "Covalent bond formation to a carbon nanotube metal", Science, 2003, 301, 1501	<input type="checkbox"/>
17	S. Niyogi et al., "chemisgry of single-walled carbon nanotubes", Acc. of Chem. Res., 2002, 35, 1105-1113	<input type="checkbox"/>
18	D. Chattopadhyay et al., "A route for bulk separation of semiconducting from metallic single-wall carbon nanotubes", J. Am. Chem. Soc., 2003, 125, 3370-3375	<input type="checkbox"/>
19	M. Zheng et al., "Structure-based carbon nanotube sorting by sequence-dependent DNA assembly", Science, 2003, 302, 1545-1548	<input type="checkbox"/>
20	Weisman, "Carbon nanotubes: Four degrees of separation", Nat. Mater., 2003, 2, 569-570	<input type="checkbox"/>
21	L. An et al., "A simple chemical route to selectively eliminate metallic carbon nanotubes in nanotube network devices", J. Am. Chem. Soc., 2004, 126(34), 10520-10521	<input type="checkbox"/>

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22	Chiang et al., "Purification and characterization of single-wall carbon nanotubes", J. Phys. Chem. B 2001, 105, 1157-1161	<input type="checkbox"/>
23	Chiang et al., "Purification and characterization of single-wall carbon nanotubes (SWNTs) obtained from the gas-phase decomposition of CO (HiPco Process), J. Phys. Chem. B 2001, 105, 8297-8301	<input type="checkbox"/>
24	O'Connell et al., "Reversible water-solubilization of single-walled carbon nanotubes by polymer wrapping", Chem. Phys. Lett., 2001, 342, 265-271	<input type="checkbox"/>
25	Gu et al., "Cutting single-wall carbon nanotubes through fluorination", Nano Lett., 2002, 2, 1009-1013	<input type="checkbox"/>
26	Ramesh et al., "Dissolution of pristine single-walled carbon nanotubes in superacids by direct protonation", J. Phys. Chem. B, 2004, 108, 8794-8798	<input type="checkbox"/>
27	Kelly et al., "Insight into the mechanism of sidewall functionalization of single-walled nanotubes: an STM study", Chem. Phys. Lett., 1999, 313, 445-450	<input type="checkbox"/>
28	Banerjee et al., "rational sidewall functionalization and purification of single-walled carbon nanotubes by solution-phase ozonolysis", J. Phys. Chem. B, 2002, 106, 12144-12151	<input type="checkbox"/>
29	Zheng et al., "DNA-assisted dispersion and separation of carbon nanotubes", Nature Mater., 2003, 2, 338-342	<input type="checkbox"/>
30	Krupke et al., "Separation of metallic from semiconducting single-walled carbon nanotubes", Science, 2003, 301, 344-347	<input type="checkbox"/>
31	Chen et al., "Buld separative enrichment in metallic or semiconducting single-walled carbon nanotubes", Nano Lett., 2003, 3, 1245-1249	<input type="checkbox"/>
32	Dyke et al., "Diazonium-based functionalization of carbon nanotubes: XPS and GC-MS analysis and mechanistic implications", Synlett., 2004, 1, 155-160	<input type="checkbox"/>

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33	Hafner et al., "Catalytic growth of single-wall carbon nanotubes from metal particles", Chem. Phys. Lett., 1998, 296, 195-202	<input type="checkbox"/>
34	Dyke et al., "Unbundled and highly functionalized carbon nanotubes from aqueous reactions", Nano Letters, 2003, 3, 1215-1218	<input type="checkbox"/>
35	Strano et al, "Reversible, band-gap-selective protonation of single-walled carbon nanotubes in solution", J. Phys. Chem B, 2003, 107, 6979-6985	<input type="checkbox"/>
36	Saini et al, "Covalent sidewall functionalization of single wall carbon nanotubes", J. Am. Chem. Soc., 2003, 125, 3617-3621	<input type="checkbox"/>
37	Ramesh et al, "Identification of large fullerenes formed during the growth of single-walled carbon nanotubes in the HiPco process", J. Phys. Chem. B, 2003, 107, 1360-1365	<input type="checkbox"/>

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